

Type of Emergency	Description	Immediate Actions	Emergency Contact Procedure (name, phone)	Follow up Procedures
Fire	Fire or Open Flame	If an employee observes a fire, the employee may attempt to quench the fire (e.g., with a fire extinguisher if one is readily available, removing a power source). DO NOT ATTEMPT TO EXTINGUISH A FLAMMABLE GAS FIRE UNTIL THE SOURCE HAS BEEN SHUT OFF. If the fire cannot be readily extinguished, the employee will notify all personnel on site to evacuate the area immediately. Call 911 and assemble at rally point.	<ul style="list-style-type: none"> EMS - 911 (if fire cannot be readily extinguished) TerraTherm Project Manager (Devon Phelan, 978-895-8782) AMEC (SHSO: Louis Hiltunen, 602-810-0535; if unable to reach either, contact HSE Manager, Chad Barnes, 480-495-9846) 	TerraTherm SSO will complete an incident report in accordance with TerraTherm's Workplace Injury and Illness Prevention Policy (attaching any applicable emergency crew reports).
Explosion	Explosion	Evacuate the site and initiate emergency contact procedure.	<ul style="list-style-type: none"> EMS – 911 TerraTherm Project Manager (Devon Phelan, 978-895-8782) AMEC (SHSO: Louis Hiltunen, 602-810-0535; if unable to reach either, contact HSE Manager, Chad Barnes, 480-495-9846) 	TerraTherm SSO will complete an incident report in accordance with TerraTherm's Workplace Injury and Illness Prevention Policy (attaching any applicable emergency crew reports).
Medical Emergency	Any emergency requiring medical attention beyond first aid	Notify EMS - 911. Make scene safe, if possible. If scene is safe for rescuers, initiate life-saving care immediately (i.e., first aid and/or CPR).	<ul style="list-style-type: none"> EMS - 911 TerraTherm Project Manager (Devon Phelan, 978-895-8782) AMEC (SHSO: Louis Hiltunen, 602-810-0535; if unable to reach either, contact HSE Manager, Chad Barnes, 480-495-9846) 	TerraTherm SSO will complete an incident report in accordance with TerraTherm's Workplace Injury and Illness Prevention Policy (attaching any applicable emergency crew reports).
Weather Emergency or Natural Disaster	Lightning	If lightning is observed, outdoor work shall be halted (system will continue to operate) and personnel shall seek shelter until conditions improve and lightning is not observed in the general proximity of the site.	<ul style="list-style-type: none"> TerraTherm SSO: Scott Colagross – 978-766-3544 	The SSO will be responsible for implementation of severe weather procedures. The SSO will monitor local weather forecasts and communicate severe weather conditions for the field team.
	High Winds	Take action to protect site workers. Stop elevated work and/or crane/lifting when wind exceeds 30 MPH. Seek shelter if needed.	<ul style="list-style-type: none"> TerraTherm SSO: Scott Colagross – 978-766-3544 	The SSO will be responsible for implementation of severe weather procedures. The SSO will monitor local weather forecasts and communicate severe weather conditions for the field team.
	Adverse Weather	Take action to protect site workers.	<ul style="list-style-type: none"> TerraTherm SSO: Scott Colagross – 978-766-3544 	The SSO will be responsible for implementation of severe weather procedures. The SSO will monitor local weather forecasts and communicate severe weather conditions for the field team.
Unauthorized Person	Entry of unauthorized person onto site property.	Initiate emergency contact procedure.	<ul style="list-style-type: none"> If in progress: EMS - 911; if not in progress: non-emergency Mesa Police Department: 480-644-2211 TerraTherm Project Manager (Devon Phelan, 978-895-8782) AMEC (SHSO: Louis Hiltunen, 602-810-0535; if unable to reach either, contact HSE Manager, Chad Barnes, 480-495-9846) 	TerraTherm SSO will complete an incident report in accordance with TerraTherm's Workplace Injury and Illness Prevention Policy (attaching any applicable emergency crew reports).

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			Barnes, 480-495-9846)	
Theft/Vandalism	Any theft or vandalism of TerraTherm or controlling contractor property.	Initiate emergency contact procedure.	<ul style="list-style-type: none"> If in progress: EMS - 911; if not in progress: non-emergency Mesa Police Department: 480-644-2211 TerraTherm Project Manager (Devon Phelan, 978-895-8782) AMEC (SHSO: Louis Hiltunen, 602-810-0535; if unable to reach either, contact HSE Manager, Chad Barnes, 480-495-9846) 	TerraTherm SSO will complete an incident report in accordance with TerraTherm's Workplace Injury and Illness Prevention Policy (attaching any applicable emergency crew reports).
Property Damage	Any property damage to site equipment or vehicular damage at site.	Initiate emergency contact procedure.	<ul style="list-style-type: none"> TerraTherm SSO (Scott Colagross 978-766-3544) TerraTherm Project Manager (Devon Phelan, 978-895-8782) AMEC (SHSO: Louis Hiltunen, 602-810-0535; if unable to reach either, contact HSE Manager, Chad Barnes, 480-495-9846) 	TerraTherm SSO will complete an incident report in accordance with TerraTherm's Workplace Injury and Illness Prevention Policy (attaching any applicable emergency crew reports).
Employee Absence	Unexpected employee absence or failure of employee to report to work as scheduled.	Initiate emergency contact procedure.	<ul style="list-style-type: none"> TerraTherm Project Manager (Devon Phelan, 978-895-8782) (immediate) 	TerraTherm Project Manager will perform situation-specific follow up.
System Alarms	Treatment System Alarm	Initiate emergency contact procedure.	<ul style="list-style-type: none"> TerraTherm Operators TerraTherm Project Engineers (Steffen Nielsen, 978-394-9629; Dave Macone, 978-846-4013) (if necessary) 	TerraTherm Project Engineer and technical staff will assist the site operators with troubleshooting any system issues.
System Emergency Stop Activated	Emergency Stop	Initiate emergency contact procedure.	<ul style="list-style-type: none"> EMS - 911 TerraTherm Operators TerraTherm Project Manager (Devon Phelan, 978-895-8782) (immediate) TerraTherm Project Engineers (Steffen Nielsen, 978-394-9629; Dave Macone, 978-846-4013) (if necessary) 	TerraTherm Project Manager will perform situation-specific follow up.
Power Outage	Loss of Power	Initiate emergency contact procedure.	<ul style="list-style-type: none"> TerraTherm Project Engineers (Steffen Nielsen, 978-394-9629; Dave Macone, 978-846-4013) (if necessary) 	TerraTherm will utilize an emergency generator to maintain hydraulic/pneumatic control at the site.

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Haz-Mat Spills	Small Spill (i.e., incidental spill < 55 gallons)	Place absorbent material over the area to contain the spill while wearing appropriate PPE; contain spill absorbent and other materials in drum and label for identification/disposal. Oil, grease, and other such liquid spills shall be cleaned up at the time of spill and are not to be left unattended. Initiate emergency contact procedure.	<ul style="list-style-type: none"> TerraTherm SSO (Scott Colagross 978-766-3544) TerraTherm Project Manager (Devon Phelan, 978-895-8782) AMEC (SHSO: Louis Hiltunen, 602-810-0535; if unable to reach either, contact HSE Manager, Chad Barnes, 480-495-9846) 	TerraTherm SSO will complete an incident report in accordance with TerraTherm's Workplace Injury and Illness Prevention Policy.
	Large Spill (> 55 gallons)	Cone/barricade off spill area; evacuate upwind at rally point; contact hazardous material spill contractor, <u>Clean Harbors: 800-645-8265</u> . Call 911 if spill has left the site boundary or will do so imminently. Initiate emergency contact procedure.	<ul style="list-style-type: none"> TerraTherm SSO (Scott Colagross 978-766-3544) TerraTherm Project Manager (Devon Phelan, 978-895-8782) AMEC (SHSO: Louis Hiltunen, 602-810-0535; if unable to reach either, contact HSE Manager, Chad Barnes, 480-495-9846) 	TerraTherm SSO will complete an incident report in accordance with TerraTherm's Workplace Injury and Illness Prevention Policy (attaching any applicable emergency crew/medical reports).
Release of Hazardous Energy (Arc Flash)	Release of Electrical Energy due to Accidental Contacts	If an individual becomes energized, DO NOT TOUCH the individual or anything in contact with the person. Initiate emergency shutdown of the site. Initiate emergency contact procedure immediately. When the individual is no longer in contact with the energized conductors, perform CPR and first aid as appropriate, at will and if qualified.	<ul style="list-style-type: none"> EMS - 911 TerraTherm SSO (Scott Colagross 978-766-3544) TerraTherm Project Manager (Devon Phelan, 978-895-8782) AMEC (SHSO: Louis Hiltunen, 602-810-0535; if unable to reach either, contact HSE Manager, Chad Barnes, 480-495-9846) 	TerraTherm SSO will complete an incident report in accordance with TerraTherm's Workplace Injury and Illness Prevention Policy (attaching any applicable emergency crew/medical reports).
	Release of Electrical Energy due to Equipment Failure	If personnel were not involved with the arc-flash incident, shutdown the equipment and apply appropriate Lockout/Tagout (LO/TO) procedures. The damaged equipment must be evaluated by a qualified individual and appropriate steps be taken to repair / replace the defective equipment	<ul style="list-style-type: none"> TerraTherm SSO (Scott Colagross 978-766-3544) TerraTherm Project Manager (Devon Phelan, 978-895-8782) AMEC (SHSO: Louis Hiltunen, 602-810-0535; if unable to reach either, contact HSE Manager, Chad Barnes, 480-495-9846) 	TerraTherm SSO will complete an incident report in accordance with TerraTherm's Workplace Injury and Illness Prevention Policy.
Release of Pressurized Steam or Hot Water	Release of Pressurized Steam or Hot Water due to Equipment Failure	If personnel are involved, initiate emergency shutdown procedure of the site. Initiate emergency contact procedure immediately. Perform CPR and first aid as appropriate, at will and if qualified. If personnel were not involved with the incident, shutdown the equipment and apply appropriate hazardous energy control procedures. The damaged equipment must be evaluated by a qualified individual and appropriate steps be taken to repair / replace the defective equipment	<ul style="list-style-type: none"> TerraTherm SSO (Scott Colagross 978-766-3544) TerraTherm Project Manager (Devon Phelan, 978-895-8782) AMEC (SHSO: Louis Hiltunen, 602-810-0535; if unable to reach either, contact HSE Manager, Chad Barnes, 480-495-9846) 	TerraTherm SSO will complete an incident report in accordance with TerraTherm's Workplace Injury and Illness Prevention Policy (attaching any applicable emergency crew/medical reports).